Presentation Overview

- Study Overview
- Existing Conditions
- Project Development Plan
- Public Involvement
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**Study Overview**

- **Sunbridge Parkway PDS**
  - **Study Kick Off:** May 2017
  - **Anticipated Completion:** May 2018
  - **Corridor Length:** Approximately 6.1 Miles
  - **Limits:** Aerospace Parkway/Dowden Road to the Orange/Osceola County Line
  - **Goal:** Identify Context Sensitive & Cost Feasible Improvements
    - Document Project Need
    - Balance the Needs of All Users
    - Safety, Mobility, and Comfort

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**Study Area Map**

- Begin Project
- End Project

**Transport Modes**

- Automobiles
- Pedestrians
- Cyclists
- Transit
- Freight
Study Overview

- Associated Projects
  - New Interchange on State Road 528
  - Segment 1 Sunbridge Parkway Road Design
  - Sunbridge Neighborhoods Preliminary Development Plan
  - Camino Reale – Regulating Plan Under Review
Study Overview

- **Associated Projects**
  - Sunbridge Parkway  
    (North East District)
  - 19,000 Acres in Osceola County
  - Future Connection to Cyrils Drive Extension and Access to Osceola Parkway Extension
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**Deseret Ranch**
- 60 Year Old Cattle Ranch/Agricultural Operation
- One of the Largest Calf-Cow Operations in the US
- 45,000 Calf Producing Beef Cattle
- Predominately Pasture Lands or Undeveloped

**City of Cocoa**
- Existing Water Supply Wells
Environmental Considerations

- Environmental Land Stewardship Program Compliance
- Avoid/Minimize Wetland Impacts
- Maximize Use of Least Valuable Environmental Lands
- Protect Critical Wildlife Links
Environmental Considerations

- Species of Special Concern
  - American Alligator
  - Eastern Indigo Snake
  - Florida pine snake
  - Gopher Tortoise
  - Florida Burrowing Owls
  - Florida Sandhill Crane
  - Southeastern American Kestrel
  - Wood Storks
  - Sherman’s Fox Squirrels

- Potential for Two Wildlife Crossings ★
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Project Development Plan

- **2025 - Opening Year Volume**
  - Dowden Road to Innovation Way South - 16,800 AADT
  - Innovation Way South to County Line - 24,300 AADT

- **2040 - Design Year Volume**
  - Dowden Road to Innovation Way South - 39,700 AADT
  - Innovation Way South to County Line - 36,500 AADT

*(AADT) Average Annual Daily Traffic*
**Project Development Plan**

### Initial Design and Construction by Tavistock

<table>
<thead>
<tr>
<th>Segment</th>
<th>Design</th>
<th>Construct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Segment 1</td>
<td>4-lane Urban</td>
<td>4-lane Urban</td>
</tr>
<tr>
<td>Segment 2</td>
<td>2-lane Rural</td>
<td>2-lane Rural*</td>
</tr>
<tr>
<td>Segment 3a</td>
<td>2-lane Rural</td>
<td>2-lane Rural*</td>
</tr>
<tr>
<td>Segment 3b</td>
<td>2-lane Rural</td>
<td>2-lane Rural</td>
</tr>
<tr>
<td>Segment 4</td>
<td>2-lane Rural</td>
<td>2-lane Rural</td>
</tr>
</tbody>
</table>

*Segments 2 and 3a will ultimately be 4-lane Urban*
Project Development Plan

- **Urban Road Sections**
  - From Aerospace Parkway to Disston Canal
    - Curb and Gutter
    - Stormwater Treatment in Ponds

- **Rural Road Sections**
  - From Disston Canal to Orange/Osceola County Line
    - Stormwater Treatment in Roadside Swales
Project Development Plan

- **Roadway Sections**
  - Segments 2, 3A and Part of 3B – South of Aerospace Pkwy. to Disston Canal

133’ ROW Phase 1 Initial 2-Lane Rural

133’ ROW Ultimate 4-Lane Urban Expansion

**DESIGN SPEED**

45 MPH
Project Development Plan

- **Roadway Sections**
  Segments 4 and Part of 3B - Disston Canal to the Orange Osceola County Line

**160’ ROW Phase 1 Initial 2-Lane Rural**

**160’ ROW Ultimate 4-Lane Rural Expansion**

**DESIGN SPEED 60 MPH**
## Project Development Plan

### Estimated Constructed Roadway Cost

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Private Partnership</td>
<td></td>
</tr>
<tr>
<td>Roadway Agreement</td>
<td>Approved by the BCC</td>
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<tr>
<td>Impact Fee Credits</td>
<td></td>
</tr>
<tr>
<td>Aerospace Parkway/Dowden Road to Orange/Osceola County Line</td>
<td></td>
</tr>
<tr>
<td>Four Lane Ultimate Configuration</td>
<td></td>
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<tr>
<td>Does Not Include the Cost of Mitigation</td>
<td></td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td><strong>$50,000,000</strong></td>
</tr>
</tbody>
</table>
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All comments received throughout this Study will become part of the public record and included in the Final Study Report.

www.orangecountyfl.net/TrafficTransportation/SunbridgeParkway
- **Lake Mary Jane Alliance**
  - Small Group Meeting
    - **Key Take Away:** Focus on the Environment, Drainage and Preservation of Roberts Island Slough

- **Community Meeting**
  - **Key Take Away:** Consider Timing of Phased Construction and Roadway Noise. Preservation of Roberts Island Slough Remains a Concern.
## Public Involvement

<table>
<thead>
<tr>
<th>Public Involvement Activity</th>
<th>Target Dates</th>
</tr>
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<tbody>
<tr>
<td>Community Meeting</td>
<td>11-30-2017</td>
</tr>
<tr>
<td>Local Planning Agency Work Session</td>
<td>12-21-2017</td>
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<tr>
<td>Local Planning Agency Public Hearing</td>
<td>02-15-2018</td>
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<tr>
<td>Board of County Commissioners Work Session</td>
<td>03-06-2018</td>
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<tr>
<td>Board of County Commissioners Public Hearing</td>
<td>March</td>
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